

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	416247	amorphous amorphiz\$3 amorphization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:27
L3	790091	he or helium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:27
L4	820261	plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:27
L5	8455504	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:27
L6	81075	(xe or xenon or ar or argon) with (he or helium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:28
L7	11336	2 and 3 and 4 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:28
L8	5756	7 not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L9	19422	2 with 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L10	1655	8 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29

L11	15410	3 with 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L12	508	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L13	553987	doping dopant boron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L14	305	12 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L15	376910	boron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:29
L16	227	12 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:30
L17	4949	amorphiz\$3 amorphization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:32
L18	302	17 and 3 and 4 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:33
L19	131	18 not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/30 18:33
L20	1	("20060264051").PN.	US-PGPUB; USPAT	OR	OFF	2010/09/30 20:46
S1	218628	*438"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:43
S2	423975	*257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:44

S3	2648054	semiconductor or ic or "integrated circuit" or microelectronic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:44
S4	495960	S1 or S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:44
S5	2741463	S1 or S2 or S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:45
S6	855	("438/for.227").CCLS	EPO; JPO; DERWENT	OR	OFF	2008/09/26 16:45
S7	369657	amorphous amorphi\$3 amorhization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:42
S8	693365	he or helium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:42
S9	718420	plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:42
S10	216	S7 with S8 with S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:42
S11	6002156	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:43
S12	2	("20020006689").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:45
S13	135	S10 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 14:46
S14	369657	amorphous amorphi\$3 amorhization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12

S15	693365	he or helium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S16	718420	plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S17	216	S14 with S15 with S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S18	6002156	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S19	135	S17 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S20	135	S19 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:12
S21	10240	"shallow junction" (shallow near3 (dopant doping doped impurity))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:54
S22	694993	inert	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:54
S27	202	S14 with S16 with S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:56
S28	3	S21 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:57

S29	1083232	ar or argon or he or helium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:58
S30	1569268	S29 or inert	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:58
S31	117616	S30 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:58
S32	942	S21 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:58
S33	631	S32 not (S19 or S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:58
S34	17197	S14 with S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 15:59
S35	227	S21 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 16:00
S36	143	S35 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 16:00
S37	24	(US-20040198046-\$ or US-20060264051-\$ or US-20010048115-\$ or US-20070059848-\$ or US-20040107906-\$ or US-20040166612-\$ or US-20040200417-\$).did. or (US-5712191-\$ or US-5956581-\$ or US-6159810-\$ or US-6653699-\$ or US-6933182-\$ or US-5476802-\$ or US-5756391-\$ or US-5858849-\$ or US-5969398-\$ or US-6030863-\$ or US-6037204-\$ or US-6071782-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/20 16:32

		6218249-\$ or US-6472302-\$ or US-6893907-\$ or US-7223676-\$).did. or (US-20030096490-\$).did.				
S38	4089	"plasma doping" "plasma immersion"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/21 14:00
S39	1855725	anneal\$3 activation activat \$3	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/21 14:00
S40	68207	xenon	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/21 14:00
S41	314	S38 and S39 and S40	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/21 14:01
S44	6009258	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/21 14:01
S45	208	S41 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/21 14:01
S46	26713	lamp with S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/21 14:04
S47	77	S45 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/21 14:04
S48	36	(US-20040198046-\$ or US-20060264051-\$ or US-20010048115-\$ or US-20070059848-\$ or US-20040107906-\$ or US-20040166612-\$ or US-20040200417-\$ or US-20010025999-\$ or US-20050032336-\$ or US-20010039107-\$ or US-20020070382-\$ or US-20030027393-\$ or US-20030107036-\$ or US-20030122203-\$ or US-20030211713-\$ or US-20040235281-\$ or US-20040241967-\$).did. or (US-5712191-\$ or US-5956581-\$ or US-6159810-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/21 14:55

		6653699-\$ or US-6933182-\$ or US-5476802-\$ or US-5756391-\$ or US-5858849-\$ or US-5969398-\$ or US-6030863-\$ or US-6037204-\$ or US-6071782-\$ or US-6218249-\$ or US-6472302-\$ or US-6893907-\$ or US-7223676-\$ or US-6271573-\$ or US-6465290-\$).did, or (US-20030096490-\$).did.				
S49	1117	(438/513,520,532,for.161, for.155).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/21 18:30
S50	18	US-5915196-\$.DID. OR US-6153524-\$.DID. OR US-6159810-\$.DID. OR US-20020112951-\$.DID. OR US-5407845-\$.DID. OR US-5956581-\$.DID. OR US-5892235-\$.DID. OR US-6013332-\$.DID. OR US-6583018-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/24 14:29
S51	1	("20040166612").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/24 15:59
S52	2	((("20040125281") or ("6653699")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:10
S53	2	((("20040235281") or ("6653699")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:11
S54	3	((("20040166612") or ("6653699") or ("20040235281"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/11 14:11
S55	1	("6713819").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/11 15:09
S56	395994	amorphous amorphiz\$3 amorphyzation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56
S57	747507	he or helium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56
S58	776775	plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56

S59	250	S56 with S57 with S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56
S60	7478154	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56
S61	135	S59 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 16:56
S63	0	halogen with lamp with annealing with wavelengths	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 17:14
S64	12	halogen with lamp with annealing with wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/11 17:14
S65	39	(US-20040198046-\$ or US- 20060264051-\$ or US- 20010048115-\$ or US- 20070059848-\$ or US- 20040107906-\$ or US- 20040166612-\$ or US- 20040200417-\$ or US- 20010025999-\$ or US- 20050032336-\$ or US- 20010039107-\$ or US- 20020070382-\$ or US- 20030027393-\$ or US- 20030107036-\$ or US- 20030122203-\$ or US- 20030211713-\$ or US- 20040235281-\$ or US- 20040241967-\$ or US- 20080226272-\$).did. or (US- 5712191-\$ or US-5956581-\$ or US-6159810-\$ or US- 6653699-\$ or US-6933182-\$ or US-5476802-\$ or US- 5756391-\$ or US-5858849-\$ or US-5969398-\$ or US- 6030863-\$ or US-6037204-\$ or US-6071782-\$ or US- 6218249-\$ or US-6472302-\$ or US-6893907-\$ or US- 7223676-\$ or US-6271573-\$ or US-6465290-\$ or US- 6475840-\$).did. or (US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/03/12 14:02



		20030096490-\$ or US-20060118892-\$).did.				
S66	395	(xenon or xe) with lamp with annealing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/12 15:06
S67	7478154	@ad> "20041007" @rlad> "20041007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/12 15:07
S68	186	S66 not S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/12 15:07
S69	395994	amorphous amorphiz\$3 amorhization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/12 15:07
S70	130	S69 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/12 15:07
S71	3	(US-7091114-\$ or US-6998580-\$ or US-6936797-\$).did.	USPAT	OR	OFF	2010/03/12 16:34
S72	43	(US-20040198046-\$ or US-20060264051-\$ or US-20010048115-\$ or US-20070059848-\$ or US-20040107906-\$ or US-20040166612-\$ or US-20040200417-\$ or US-20010025999-\$ or US-20050032336-\$ or US-20010039107-\$ or US-20020070382-\$ or US-20030027393-\$ or US-20030107036-\$ or US-20030122203-\$ or US-20030211713-\$ or US-20040235281-\$ or US-20040241967-\$ or US-20080226272-\$ or US-20040227197-\$).did. or (US-5712191-\$ or US-5956581-\$ or US-6159810-\$ or US-6653699-\$ or US-6933182-\$ or US-5476802-\$ or US-5756391-\$ or US-5858849-\$ or US-5969398-\$ or US-6030863-\$ or US-6037204-\$	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/03/14 23:21

		or US-6071782-\$ or US-6218249-\$ or US-6472302-\$ or US-6893907-\$ or US-7223676-\$ or US-6271573-\$ or US-6465290-\$ or US-6475840-\$ or US-7091114-\$ or US-6998580-\$ or US-6936797-\$).did. or (US-20030096490-\$ or US-20060118892-\$).did.				
S73	5	(US-20080226272-\$ or US-20060264051-\$ or US-20040235281-\$).did. or (US-6475840-\$ or US-6159810-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/03/14 23:28
S74	3	((("20040166612") or ("6653699") or ("20040235281"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/08/10 11:51
S75	4849	amorphiz\$3 amorphization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 12:52
S76	11	S75 with ar with xe with he	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/10 12:52
S77	1	("20020006689").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/10 13:29
S78	3	((("20040166612") or ("6653699") or ("20040235281"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/09/30 15:43

**EAST Search History (Interference)**

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9/ 30/ 2010 10:00:41 PM

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